

JC10 Rec'd PCT/PTO 03 MAY 2005 Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NO.					
DESIGNATED/ELECTED OFFICE (DO/EO/US)				1575 WO/US	
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371					
				U.S. APPLICATION NO. (If known see 37 CFR 1.5)	
				10/533576	
				PRIORITY DATE CLAIMED	
PCT/US03/035599 06-Nov-2003			12-Nov-2002		
TITLE OF INVENTION CANNABINOID CRYSTALLINE DERIVATIVES AND PROCESS OF CANNABINOID PURIFICATION					
APPLICANT(S) FOR DO/EO/US					
Duchek, John, R					
Applicant herewith submits to the United States Designed/Elected Office (DO/EO/US) the following items and other information:					
1.	Ø	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.		This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items			
٠.		(5), (6), (9) and (21) indicated below.			
4.	\square	The US has been elected (Article 31).			
5.	\square	A copy of the International Application as filed (35 U.S.C. 371(c)(2))			
		a. \square is attached hereto (required only if not communicated by the International Bureau).			
		b. \(\overline{\mathbb{M}} \) has been communicated by the International Bureau.			
		c. \square is not required, as the application was filed in the United States Receiving Office (RO/US).			
6.		An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).			
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7	Ø	b.			
7.	Œ.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
		a. are attached hereto (required only if not communicated by the International Bureau).			
		b. have been communicated by the International Bureau			
			; however, the time limit for making su	ich amendments has NOT expired.	
		d. Make not been made and will not be made.			
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	\square	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).			
Items 11. to 16. below concern document(s) or information included:					
11.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12.		An assignment document for rec	ording. A separate cover sheet in com	upliance with 37 CFR 3.28 and 3.31 is included.	
13.	\square	A preliminary amendment			
14.		An Application Data Sheet under 37 CRF 1.76			
15.		A substitute specification.			
16.	\square	A power of attorney and/or change of address letter			
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825			
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).			
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)			
IJ.	_	A second copy of the English language translation of the international application under 33 U.S.C. 134(d)(4)			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

Exp. Mail 299642649 US

Other items or information: POSTCARD

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER PCT/US03/035599 1575 WO/US 21. ☑ The following Fees are submitted: □ a) Basic national fee.....\$300.00 \$300.00 □ b) Examination fee.....\$200.00 \$200.00 \$500.00 \$1000.00 TOTAL OF ABOVE CALCUATIONS= \$1,000.00 ☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction Rate Thereof (round up to a whole number) -100 =/50= x \$250.00 \$0 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 \$ months from the earliest claimed priority date (37 CFR 1.492(e)). NUMBER FILED NUMBER EXTRA **RATE** 2 Total claims 22- 20 = x \$50.00 \$100.00 x \$200.00 \$200.00 Independent claims 4 - 3 = MULTIPLE DEPENDENT CLAIMS(S) (if applicable) + \$360.00 TOTAL OF ABOVE CALCULATIONS = \$1300.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$0.00 reduced by 1/2. SUBTOTAL = \$1300.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$1300.00 Amount to be refunded: Amount to be charged: \$1300.00 a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. 13-1160 in the amount of \$1300.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-1160. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Christine M. Rebman Mallinckrodt Inc. Christine M. Rebman NAME 675 McDonnell Boulevard P.O. Box 5840 REGISTRATION NUMBER St. Louis, Missouri 63134

Form PTO 1390 (REV 12-2004)